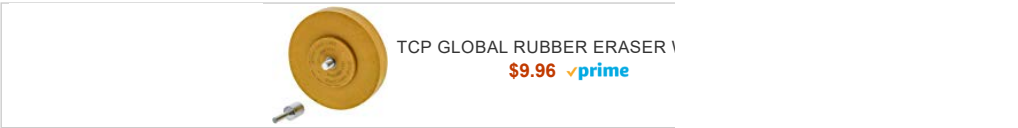


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Transaxle Input Shaft Nut Replacement Tip

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12-20-2004, 04:18 PM #1

JohnHupp
Member
Join Date: Nov 2004
Posts: 136
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Transaxle Input Shaft Nut Replacement Tip
I recently replaced the transaxle input shaft nut to successfully solve a problem in which my '95 SL2 often refused to shift into higher gears when warm.

The factory service manual for the automatic transaxle does not give a specific procedure for replacing the input shaft nut, but most of what you want is in the "In-Vehicle Service" section under the "End-Cover Removal" procedure.

For those without access to this manual, TedL gives some How-To quality advice in this Tech Talk thread: [Tranny troubles](#).

He gives some further helpful advice in my Tech Talk question thread on this topic at [Transaxle input shaft nut: how-to or advice?](#)

MY TIP CONTRIBUTION: The factory manual refers to a \$100 special tool that immobilizes the input shaft so that you can loosen/tighten the nut. TedL says that he avoided that by using a chain-type pipe wrench with a chain larger than 15" (say 18" or better). I bought the 24" chain wrench from Harbor Freight for \$9.99, but was not able to get the job done with it (though I was also working without a helper to hold the wrench). But what did work for me was to screw a 6" C-clamp onto the shaft-end and let the screw catch a suspension rod to keep the shaft from spinning. I was a little worried that this could deform the aluminum alloy in the shaft-end, but that did not happen.

Minor tip: I also rounded off one of the bolt heads while removing the end cover using a close-at-hand 12-point socket. Then I broke off an easy-out in the bolt head while trying to remove it that way. I finally got the bolt out after heating up the bolt head for a couple minutes with a plain propane torch and then using a 6-point socket. The propane flame did not damage the rubber tranny mount that was right under the bolt.

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09-16-2005, 01:50 PM #2

Luke
Master Member

Join Date: May 2002
Location: Laguna Bch, CA
Posts: 4,159
1995 SL2

Re: Transaxle Input Shaft Nut Replacement Tip
John Hupp
Super input, thank you...

...
> 95 SL 2 = 653,369 Miles 40.4 MPG, as of 5/20/11. My manual Radiator Fan Switch, courtesy of Wolfman's patient installation guidance, continues to be.....invaluable < The car was retired

REWARD EXCELLENCE!
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